



Material Content Data Sheet



Sales Product Name		ICE2A280Z		Issued		19. July 2018			
MA#		MA001412076							
Package		PG-DIP-7-3		Weight*		646.25 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	8.520	1.32	1.32	13184	13184	
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		75		
	non noble metal	zinc	7440-66-6	0.194	0.03		300		
	non noble metal	iron	7439-89-6	3.872	0.60		5991		
wire	non noble metal	copper	7440-50-8	157.218	24.33	24.97	243278	249644	
	noble metal	gold	7440-57-5	0.296	0.05	0.05	458	458	
	encapsulation	organic material	carbon black	1333-86-4	2.325	0.36		3598	
plating	plastics	epoxy resin	-	62.775	9.71		97138		
	inorganic material	silicondioxide	60676-86-0	399.901	61.87	71.94	618807	719543	
	leadfinish	non noble metal	tin	7440-31-5	6.540	1.01	1.01	10120	10120
glue	noble metal	silver	7440-22-4	1.594	0.25	0.25	2467	2467	
*deviation	< 10%	plastics	epoxy resin	-	0.518	0.08		802	
		noble metal	silver	7440-22-4	2.444	0.38	0.46	3782	4584
Sum in total:						100.00		1000000	

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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